

(FILE 'HOME' ENTERED AT 17:30:45 ON 17 MAR 2003)

FILE 'BIOSIS, CAPLUS, AGRICOLA, MEDLINE, EUROPATFULL, CAOLD, CASREACT, CROPU, DGENE, DPCI, ENCOMPPAT, ENCOMPPAT2, IFIPAT, INPADOC, JAPIO, PAPERCHEM2, PATDD, PATDPA, PATOSDE, PATOSEP, PATOSWO, PCTFULL, PIRA, RAPRA, SYNTHLINE, TULSA, TULSA2, USPATFULL, ...' ENTERED AT 17:31:27 ON 17 MAR 2003

L1	35 S SERINE (S) PROTEINASE (S) INHIBIT? (S) (CABBAGE OR BRASSICA)
L2	73 S SERINE (3A) PROTEINASE (3A) INHIBIT? AND (CABBAGE OR BRASSICA
L3	57 DUP REM L2 (16 DUPLICATES REMOVED)
L4	28 S L3 NOT PY>1999

FILE 'STNGUIDE' ENTERED AT 17:52:33 ON 17 MAR 2003

FILE 'BIOSIS, CAPLUS, MEDLINE, PCTFULL, USPATFULL' ENTERED AT 18:08:03 ON 17 MAR 2003

FILE 'STNGUIDE' ENTERED AT 18:08:04 ON 17 MAR 2003

=>

NEWS 44 Feb 24 METADEX enhancements
 NEWS 45 Feb 24 PCTGEN now available on STN
 NEWS 46 Feb 24 TEMA now available on STN
 NEWS 47 Feb 26 NTIS now allows simultaneous left and right truncation
 NEWS 48 Feb 26 PCTFULL now contains images
 NEWS 49 Mar 04 SDI PACKAGE for monthly delivery of multifile SDI results

NEWS EXPRESS January 6 CURRENT WINDOWS VERSION IS V6.01a,
 CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
 AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
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=> file biosis caplus agricola medline Europatfull patents		
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FULL ESTIMATED COST	0.21	0.21

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FILE 'USPATFULL' ENTERED AT 17:31:27 ON 17 MAR 2003
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FILE 'USPAT2' ENTERED AT 17:31:27 ON 17 MAR 2003
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FILE 'WPIDS' ENTERED AT 17:31:27 ON 17 MAR 2003
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FILE 'WPINDEX' ACCESS NOT AUTHORIZED

=> s serine (s) proteinase (s) inhibit? (s) (cabbage or Brassica)
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'SERINE (S) PROTEINASE'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'PROTEINASE (S) INHIBIT?'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'INHIBIT? (S) '

10 FILES SEARCHED...

25 FILES SEARCHED...

L1 35 SERINE (S) PROTEINASE (S) INHIBIT? (S) (CABBAGE OR BRASSICA)

=> s serine (3a) proteinase (3a) inhibit? and (cabbage or Brassica)
14 FILES SEARCHED...

L2 73 SERINE (3A) PROTEINASE (3A) INHIBIT? AND (CABBAGE OR BRASSICA)

=> dup rem l2
DUPLICATE IS NOT AVAILABLE IN 'CAOLD, DGENE, DPCI, SYNTHLINE'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING COMPLETED FOR L2

L3 57 DUP REM L2 (16 DUPLICATES REMOVED)

=> s l3 not PY>1999

9 FILES SEARCHED...

18 FILES SEARCHED...

L4 28 L3 NOT PY>1999

=> d l4 1-28

L4 ANSWER 1 OF 28 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 1999:247368 BIOSIS
DN PREV199900247368
TI Characterization of low-molecular-mass trypsin isoinhibitors from oil-rape
(*Brassica napus* var. *oleifera*) seed.
AU Ascenzi, Paolo (1); Ruoppolo, Margherita; Amoresano, Angela; Pucci, Piero;
Consonni, Roberto; Zetta, Lucia; Pascarella, Stefano; Bortolotti,
Fabrizio; Menegatti, Enea
CS (1) Dipartimento di Biologia, Universita di Roma Tre, Viale G. Marconi
446, I-00146, Roma Italy
SO European Journal of Biochemistry, (April, 1999) Vol. 261, No. 1, pp.
275-284.
ISSN: 0014-2956.
DT Article
LA English
SL English

L4 ANSWER 2 OF 28 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 1996:284482 BIOSIS
DN PREV199699006838
TI Dietary proteinase inhibitors alter complement of midgut proteases.
AU Broadway, Roxanne M.
CS Dep. Entomol., New York State Agric. Exp. Stn., Cornell Univ., Geneva, NY

14456 USA
 SO Archives of Insect Biochemistry and Physiology, (1996) Vol. 32, No. 1, pp. 39-53.
 ISSN: 0739-4462.
 DT General Review
 LA English

L4 ANSWER 3 OF 28 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
 AN 1995:251203 BIOSIS
 DN PREV199598265503
 TI Gut proteinase activity in insect pests of canola.
 AU Rymerson, Robert T.; Bodnaryk, Robert P.
 CS Agric. and Agri-Food Canada, Res. Stn., 195 Dafoe Road, Winnipeg, MB R3T 2M9 Canada
 SO Canadian Entomologist, (1995) Vol. 127, No. 1, pp. 41-48.
 ISSN: 0008-347X.
 DT Article
 LA English
 SL English; French

L4 ANSWER 4 OF 28 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
 AN 1995:207140 BIOSIS
 DN PREV199598221440
 TI Are insects resistant to plant proteinase inhibitors.
 AU Broadway, Roxanne M.
 CS Dep. Entomol., N.Y. State Agric. Exp. Stn., Cornell Univ., Geneva, NY 14456 USA
 SO Journal of Insect Physiology, (1995) Vol. 41, No. 2, pp. 107-116.
 ISSN: 0022-1910.
 DT Article
 LA English

L4 ANSWER 5 OF 28 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
 AN 1994:262342 BIOSIS
 DN PREV199497275342
 TI Purification, inhibitory properties, amino acid sequence and identification of the reactive site of a new **serine proteinase inhibitor** from oil-rape (*Brassica napus*) seed.
 AU Cecilian, Fabrizio; Bortolotti, Fabrizio; Menegatti, Enea; Rochi, Severino (1); Ascenzi, Paolo; Palmieri, Sandro
 CS (1) Centro Interuniversitario Studio, Macromolecole Informazionali, Milan Italy
 SO FEBS (Federation of European Biochemical Societies) Letters, (1994) Vol. 342, No. 2, pp. 221-224.
 ISSN: 0014-5793.
 DT Article
 LA English

L4 ANSWER 6 OF 28 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
 AN 1978:137733 BIOSIS
 DN BA65:24733
 TI CHARACTERIZATION AND SEROLOGY OF THE MATRIX PROTEIN FROM A NUCLEAR POLYHEDROSIS VIRUS OF TRICHOPLUSIA-NI BEFORE AND AFTER DEGRADATION BY AN ENDOGENOUS PROTEINASE.
 AU EPPSTEIN D A; THOMA J A
 CS DEP. BIOL. SCI., UNIV. CALIF., SANTA BARBARA, CALIF. 93106, USA.
 SO BIOCHEM J, (1977) 167 (2), 321-332.
 CODEN: BIJOAK. ISSN: 0306-3275.
 FS BA; OLD
 LA English

L4 ANSWER 7 OF 28 CAPLUS COPYRIGHT 2003 ACS
 AN 1997:773873 CAPLUS
 DN 128:74771
 TI Dietary regulation of serine proteinases that are resistant to
 serine proteinase inhibitors
 AU Broadway, Roxanne M.
 CS Department Entomology, New York State Agrigultural Experiment Station,
 Cornell University, Geneva, NY, 14456, USA
 SO Journal of Insect Physiology (1997), 43(9), 855-874
 CODEN: JIPHAF; ISSN: 0022-1910
 PB Elsevier Science Ltd.
 DT Journal
 LA English

L4 ANSWER 8 OF 28 CAPLUS COPYRIGHT 2003 ACS
 AN 1997:539507 CAPLUS
 DN 127:274514
 TI A novel thermostable inhibitor of trypsin and subtilisin from the seeds of
 Brassica nigra: amino acid sequence, inhibitory and spectroscopic
 properties and thermostability
 AU Genov, Nicolay; Goshev, Ivan; Nikolova, Diana; Nikolova Georgieva,
 Dessislava; Filippi, Bruno; Svendsen, Ib
 CS Institute of Organic Chemistry, Bulgarian Academy of Sciences, Sofia,
 1113, Bulg.
 SO Biochimica et Biophysica Acta (1997), 1341(2), 157-164
 CODEN: BBACAQ; ISSN: 0006-3002
 PB Elsevier
 DT Journal
 LA English

L4 ANSWER 9 OF 28 CAPLUS COPYRIGHT 2003 ACS
 AN 1994:651022 CAPLUS
 DN 121:251022
 TI Proteinase inhibitors from plants as a novel class of fungicides
 AU Lorito, M.; Broadway, R. M.; Hayes, C. K.; Woo, S. L.; Noviello, C.;
 Williams, D. L.; Harman, G. E.
 CS Istituto di Patologia Vegetale, Universita degli Studi di Napoli "Federico
 II", Portici, 80055, Italy
 SO Molecular Plant-Microbe Interactions (1994), 7(4), 525-7
 CODEN: MPMIEL; ISSN: 0894-0282
 DT Journal
 LA English

L4 ANSWER 10 OF 28 CAPLUS COPYRIGHT 2003 ACS
 AN 1994:573082 CAPLUS
 DN 121:173082
 TI Synergistic combinations of aprotinin and larvicidal lectins for control
 of insect pests in crops
 IN Czapla, Thomas H.
 PA Pioneer Hi-Bred International, Inc., USA
 SO PCT Int. Appl., 33 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9416565	A1	19940804	WO 1994-US630	19940114
	W: AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, LV, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, UZ, VN				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE,				

	BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG	
CA 2154576	AA 19940804	CA 1994-2154576 19940114
AU 9462301	A1 19940815	AU 1994-62301 19940114
EP 680258	A1 19951108	EP 1994-909462 19940114
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE	
BR 9405668	A 19951121	BR 1994-5668 19940114
PRAI US 1993-7924	19930125	
WO 1994-US630	19940114	

L4 ANSWER 11 OF 28 CAPLUS COPYRIGHT 2003 ACS

AN 1992:566560 CAPLUS

DN 117:166560

TI Purification, inhibitory properties and amino acid sequence of a new
serine proteinase inhibitor from white mustard
(*Sinapis alba* L.) seed

AU Menegatti, Enea; Tedeschi, Gabriella; Ronchi, Severino; Bortolotti,
Fabrizio; Ascenzi, Paolo; Thomas, Richard M.; Bolognesi, Martino;
Palmieri, Sandro

CS Dip. Sci. Farm., Univ. Ferrara, Ferrara, 44100, Italy

SO FEBS Letters (1992), 301(1), 10-14

CODEN: FEBLAL; ISSN: 0014-5793

DT Journal

LA English

L4 ANSWER 12 OF 28 CAPLUS COPYRIGHT 2003 ACS

AN 1992:508233 CAPLUS

DN 117:108233

TI Influence of **cabbage** proteinase inhibitors in situ on the growth
of larval *Trichoplusia ni* and *Pieris rapae*

AU Broadway, Roxanne M.; Colvin, Anita A.

CS Dep. Entomol., Cornell Univ., Geneva, NY, 14456, USA

SO Journal of Chemical Ecology (1992), 18(7), 1009-24

CODEN: JCECD8; ISSN: 0098-0331

DT Journal

LA English

L4 ANSWER 13 OF 28 CAPLUS COPYRIGHT 2003 ACS

AN 1983:402242 CAPLUS

DN 99:2242

TI Survey of plant inhibitors of polymorphonuclear leukocyte elastase,
pancreatic elastase, cathepsin G, cathepsin B, Hageman factor fragments,
and other serine proteinases

AU Hojima, Yoshio; Pisano, John J.; Cochrane, Charles G.

CS Dep. Immunopathol., Scripps Clin. Res. Found., La Jolla, CA, 92037, USA

SO Biochemical Pharmacology (1983), 32(6), 985-90

CODEN: BCPA6; ISSN: 0006-2952

DT Journal

LA English

L4 ANSWER 14 OF 28 MEDLINE

AN 97321866 MEDLINE

DN 97321866 PubMed ID: 9178568

TI Biological activity of purpurogallin.

AU Inamori Y; Muro C; Sajima E; Katagiri M; Okamoto Y; Tanaka H; Sakagami Y;
Tsujibo H

CS Osaka University of Pharmaceutical Sciences, Japan.

SO BIOSCIENCE, BIOTECHNOLOGY, AND BIOCHEMISTRY, (1997 May) 61 (5) 890-2.

Journal code: 9205717. ISSN: 0916-8451.

CY Japan

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Biotechnology